

## CLAIMS:

1. A capped electric lamp comprising:
- a light-transmitting lamp vessel accommodating an electrical element;
  - a lamp cap provided with a projecting contact pin having a longitudinal axis, which lamp is secured to the lamp vessel;
- 5 - a current-supply conductor which is connected to the electrical element and to the contact pin;
- an indentation being formed in the contact pin to fix the current-supply conductor, characterized in that:
    - the indentation comprises a weakening portion for weakening the current-
- 10 supply conductor during the manufacture of the electric lamp and comprises a fixation portion for fixing the current-supply conductor in the contact pin; and
- the weakening portion and the fixation portion of the indentation are substantially parallel to each other.
- 15 2. A capped electric lamp as claimed in claim 1, characterized in that the indentation between the weakening portion and the fixation portion comprises a narrow portion which is relatively narrow compared with the weakening portion and the fixation portion.
- 20 3. A capped electric lamp as claimed in claim 2, characterized in that the narrow portion lies in a plane which also comprises the weakening portion and the fixation portion.
4. A capped electric lamp as claimed in claim 2, characterized in that the ratio of the width  $w_{np}$  of the narrow portion to the width  $w_{wp}$  of the weakening portion complies with
- 25 the relation:

$$0.2 \leq \frac{w_{np}}{w_{wp}} \leq 0.5 .$$

5. A capped electric lamp as claimed in claim 1 or 2, characterized in that the ratio of the width  $w_{np}$  of the narrow portion to the width  $w_{fp}$  of the fixation portion complies with the relation:

$$0.2 \leq \frac{w_{np}}{w_{fp}} \leq 0.5 .$$

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6. A capped electric lamp as claimed in claim 1 or 2, characterized in that the ratio of the diameter  $d_{ind}$  of the current-supply conductor in the location of the weakening portion in the indentation to the diameter  $d_w$  of the current-supply conductor complies with the relation:

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$$0.2 \leq \frac{d_{ind}}{d_w} \leq 0.5 .$$

7. A capped electric lamp as claimed in claim 1 or 2, characterized in that the fixation length  $l_f$  of the current-supply conductor in the contact pin is at least 0.75 mm.

15 8. A capped electric lamp as claimed in claim 1 or 2, characterized in that the current-supply conductor in the contact pin does not extend beyond a boundary of the indentation that is furthest removed from the lamp cap.

9. A capped electric lamp as claimed in claim 1 or 2, characterized in that the  
20 contact pin has only one indentation.

10. A capped electric lamp as claimed in claim 1 or 2, characterized in that the lamp has two lamp caps which are each provided with two contact pins.

25 11. A low-pressure mercury vapor discharge lamp comprising a capped electric lamp as claimed in claim 1 or 2, wherein:

- the lamp vessel encloses a discharge space provided with a filling of mercury and an inert gas in a gastight manner; and
- the electric element comprises an electrode arranged in the discharge space for  
30 maintaining a discharge in said discharge space.